

Title (en)

Apparatus and method for producing an aerosol containing finely dispersed particles

Title (de)

Verfahren und Vorrichtung zum Erzeugen eines Aerosols

Title (fr)

Dispositif et procédé pour la production d'un aérosol

Publication

EP 1704927 A3 20070523 (DE)

Application

EP 06005729 A 20060321

Priority

DE 102005013703 A 20050324

Abstract (en)

[origin: EP1704927A2] The method involves discharging gas flows into a defined mixing space (3). The gas flows are loaded with fine particles in the defined mixing space, where the fine particles are discharged to the mixing space via an injector nozzle. Produced aerosol is discharged from the mixing space via an outlet. Substances formed from particles of the aerosol are directly introduced to the mixing space via a substance line. An independent claim is also included for a device for producing aerosol.

IPC 8 full level

A61L 2/22 (2006.01); **B01F 23/10** (2022.01); **B01F 23/30** (2022.01); **B05B 7/14** (2006.01); **B05C 19/02** (2006.01)

CPC (source: EP)

B05B 7/1404 (2013.01); **B05B 7/1445** (2013.01); **B05B 7/1472** (2013.01)

Citation (search report)

- [XAY] DE 3231594 A1 19840301 - EGORUSKIN ANATOLIJ IVANOVIC, et al
- [X] EP 1273354 A2 20030108 - DEUTSCH ZENTR LUFT & RAUMFAHRT [DE]
- [XY] US 4730647 A 19880315 - MULDER DOUGLAS C [US]
- [X] US 2004119795 A1 20040624 - NOOLANDI JAAN [CA], et al
- [XY] EP 0297463 A1 19890104 - PERKIN ELMER CORP [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1704927 A2 20060927; **EP 1704927 A3 20070523**; DE 102005013703 A1 20061005; DE 102005013703 B4 20140814

DOCDB simple family (application)

EP 06005729 A 20060321; DE 102005013703 A 20050324